

CLAIMS:

1. A method comprising:
placing a first side of an output medium on a gray backing material; and
measuring color values for imagery formed on a second side of the output medium.
2. The method of claim 1, wherein the gray backing material has a color value in a range of approximately thirty to seventy percent neutral gray.
3. The method of claim 1, wherein the gray backing material has a color value of approximately fifty percent neutral gray.
4. The method of claim 1, wherein the gray backing material has a color value of approximately 50 to 90 L*, approximately 5 to 15 a*, and approximately 5 to 15 b*.
5. The method of claim 1, wherein the gray backing material has a color value of approximately 80 L*.
6. The method of claim 1, wherein the output medium comprises paper.
7. The method of claim 1, wherein the output medium comprises film.
8. The method of claim 1, further comprising generating a color profile based on the measured color values.
9. The method of claim 1, further comprising forming the imagery on the second side of the output medium using a color printer.
10. The method of claim 9, wherein the color printer is one of an inkjet, laser, or dye transfer printer.

11. The method of claim 1, wherein the imagery comprises a plurality of color elements representing a range of colors.
12. The method of claim 1, further comprising measuring the color values using one of a colorimeter and a spectrophotometer.
13. The method of claim 1, further comprising generating a color profile based on the measured color values, and transforming a color image based on the color profile.
14. A system comprising:
 - an output medium;
 - a gray backing material upon which is placed a first side of the output medium;
 - and
 - a measurement device oriented to measure color values for imagery formed on a second side of the output medium.
15. The system of claim 14, wherein the gray backing material has a color value in a range of approximately thirty to seventy percent neutral gray.
16. The system of claim 14, wherein the gray backing material has a color value of approximately fifty percent neutral gray.
17. The system of claim 14, wherein the gray backing material has a color value of approximately 50 to 90 L*, approximately 5 to 15 a*, and approximately 5 to 15 b*.
18. The system of claim 14, wherein the gray backing material has a color value of approximately 80 L*.
19. The system of claim 14, wherein the output medium comprises paper.

20. The system of claim 14, wherein the output medium comprises film.
21. The system of claim 14, further comprising a processor that generates a color profile based on the measured color values.
22. The system of claim 14, further comprising a color printer that forms the imagery on the second side of the output medium.
23. The system of claim 22, wherein the color printer is one of an inkjet, laser, or dye transfer printer.
24. The system of claim 14, wherein the imagery comprises a plurality of color elements representing a range of colors.
25. The system of claim 14, wherein the measurement device includes one of a colorimeter and a spectrophotometer.
26. The system of claim 14, further comprising a processor that generates a color profile based on the measured color values, and transforms a color image based on the color profile.
27. A machine-readable medium comprising color profile data defining a color response for a color imaging device, wherein the color profile data identifies a gray backing material for an output medium associated with generation of the color profile.
28. The machine-readable medium of claim 27, wherein the gray backing material has a color value in a range of approximately thirty to seventy percent neutral gray.
29. The machine-readable medium of claim 27, wherein the gray backing material has a color value of approximately fifty percent neutral gray.

30. The machine-readable medium of claim 27, wherein the gray backing material has a color value of approximately 50 to 90 L*, approximately 5 to 15 a*, and approximately 5 to 15 b*.
31. The machine-readable medium of claim 27, wherein the gray backing material has a color value of approximately 80 L*.
32. A method comprising:
 - printing a plurality of color elements on an output medium;
 - placing a side of the output medium opposite the color elements on a gray backing material, wherein the gray backing material has a color value in a range of approximately thirty to seventy percent neutral gray;
 - measuring color values for the color elements formed on the output medium; and
 - generating a color profile based on the measured color values.
33. The method of claim 32, wherein the gray backing material has a color value of approximately fifty percent neutral gray.
34. The method of claim 32, wherein the gray backing material has a color value of approximately 50 to 90 L*, approximately 5 to 15 a*, and approximately 5 to 15 b*.
35. The method of claim 32, wherein the gray backing material has a color value of approximately 80 L*.
36. The method of claim 32, wherein the output medium comprises one of paper and film.

37. A system comprising:
 - an output medium;
 - a color printer to print a plurality of color elements on the output medium;
 - a gray backing material upon which is placed a side of the output medium opposite the color elements, wherein the gray backing material has a color value in a range of approximately thirty to seventy percent neutral gray;
 - a measurement device to measure color values for the color elements formed on the output medium; and
 - a processor to generate a color profile based on the measured color values.
38. The system of claim 37, wherein the gray backing material has a color value of approximately fifty percent neutral gray.
39. The system of claim 37, wherein the gray backing material has a color value of approximately 50 to 90 L*, approximately 5 to 15 a*, and approximately 5 to 15 b*.
40. The system of claim 37, wherein the gray backing material has a color value of approximately 80 L*.
41. The system of claim 37, wherein the output medium comprises one of paper and film.